



## MicroPatent's Patent Index Database: [Complete Family of JP8245386A]

1 record(s) found in the family

Order Selected Patent(s)

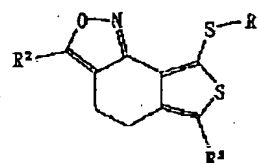
JP8245386A ☐ 19960924 FullText**Title:** (ENG) ENHANCER FOR ACTION OF CELL DIFFERENTIATION-INDUCING FACTOR**Abstract:** (ENG)

**PURPOSE:** To obtain an enhancer, containing a specific condensed thiophene derivative and useful for prevention, treatment, etc., of osteopathy such as osteoporosis or fracture and neuropathy such as Alzheimer disease, cerebrovascular dementia, amyotrophic lateral sclerosis or diabetic peripheral neuropathy.

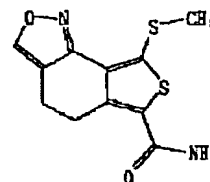
**CONSTITUTION:** This derivative of formula I [R1 is a lower alkyl; R2 is H or a lower alkyl; R3 is a (esterified or amidated)carboxyl] {e.g. [4,5- dihydro-8- (methylthio) isoxazolo[5,4-d]benzo[c]thiophene-6-carboxamide of formula II}. The daily dose thereof is 0.1-500mg (preferably 1-50mg) for an adult and the derivative of formula I is a low toxic substance.

**Application Number:** JP 4942395 A**Application (Filing) Date:** 19950309**Priority Data:** JP 4942395 19950309 A X;**Inventor(s):** FUJISAWA YUKIO**Assignee/Applicant/Grantee:** TAKEDA CHEMICAL INDUSTRIES LTD**IPC (International Class):** A61K03142; A61K03142; C07D49804**Other Abstracts for Family Members:** CHEMABS126(02)014782P; DERABS C96-482109**Other Abstracts for This Document:** CAN126(02)014782P; DERC96-482109**Patents Citing This One (5):**

- US6489351B1      20021203    TAKEDA CHEMICAL INDUSTRIES LTD  
JP  
Condensed 4,5,6,7-tetrahydrobenzo[C]thiophenes  
as enhancer for cell differentiation induction factor  
action.
- US6391905B1      20020521    TAKEDA CHEMICAL INDUSTRIES LTD  
JP  
Condensed 4,5,6,7-tetrahydrobenzo[C]thiophenes  
as enhancer for cell differentiation induction factor  
action
- US6242471B1      20010605    TAKEDA CHEMICAL INDUSTRIES LTD  
US  
Condensed 4,5,6,7-tetrahydrobenzo[C]thiophenes  
as enhancer for cell differentiation induction factor  
action
- WO9809958A1      19980312    TAKEDA CHEMICAL INDUSTRIES LTD  
JP; YASUMA TSUNEO JP; ODA TSUNEO JP;  
HAZAMA MASATOSHI JP; TAKETOMI SHIGEHISA JP  
CONDENSED 4,5,6,7-TETRAHYDROBENZO[C]  
THIOPHENES AS ENHANCER FOR CELL  
DIFFERENTIATION INDUCTION FACTOR ACTION
- WO2001089521A1    20011129    KAMEI SHIGERU JP; YASUMA TSUNEO  
JP; HOSHINO TETSUO JP; KAWASE MASAHIRO JP;  
OHTA ATSUSHI JP; TAKEDA CHEMICAL  
INDUSTRIES LTD JP  
MEDICINAL COMPOSITIONS CONTAINING  
THIOPHENE DERIVATIVES



I



II